TENURE-TRACK FACULTY POSITION IN BIOMEDICAL DATA SCIENCE

The Department of Biomedical Data Science and the **Center for Quantitative Biology** at the **Geisel School of Medicine at Dartmouth** invite applications for a tenure-track appointment at the rank of Assistant Professor as part of a targeted expansion of Dartmouth's Biomedical Data Science Faculty. The Department of Biomedical Data Science offers a dynamic and interactive environment, with a commitment to research excellence. The Center for Quantitative Biology is focused on developing methods and faculty expertise in single cell genomics at Dartmouth. Dartmouth faculty members benefit from highly collaborative and collegial interactions across campus, inclusive of departments at Geisel, the Dartmouth Faculty of Arts & Sciences, the Norris Cotton Cancer Center, and the Thayer School of Engineering.

Successful applicants will develop vigorous and innovative research programs focused on bioinformatics, biostatistics, or biomedical informatics to study and understand a wide range of biological or clinical questions, including but not limited to **single-cell analyses, systems biology, spatial transcriptomics, genomics, epigenomics, and visualization of complex data.** Applicants with expertise in machine learning, artificial intelligence, computational biology, or biostatistics are strongly encouraged. Candidates are expected to have a strong record of scholarship, to develop an independent research program, and to participate in graduate-level teaching. Evidence of an ability to secure extramural funding is desirable. Applicants should have a PhD, MD, or equivalent degree with relevant post-doctoral training.

A generous start-up package as well as access to state-of-the-art research facilities will be provided. Individuals will be given opportunities for mentorship and teaching in relevant PhD graduate programs (e.g., [Program in Quantitative Biomedical Sciences,](#) [Program in Molecular and Cellular Biology](#)). Training grants (e.g., the Burroughs Wellcome Fund Big Data in the Life Sciences for [Unifying Population and Laboratory-based Sciences](#) Training Grant, and the Quantitative Biomedical Sciences Training Grant) are available to support trainees.

Opportunities for innovative research methods development and application are facilitated through Dartmouth's high-performance computing resources (e.g., [Discovery](#)), access to Dartmouth's Shared Resources, and interactions with existing NIH Centers for Biomedical Research Excellence (COBREs) at Dartmouth.

Dartmouth is located in the picturesque Upper Connecticut River Valley on the New Hampshire and Vermont border, a vibrant, academic and professional community offering

excellent schools, lively arts, and an unmatched quality of life in a beautiful, rural setting. Boston, MA; Burlington, VT; and Montreal, QC are all within a few hours' drive.

Dartmouth College is an equal opportunity/affirmative action employer with a strong commitment to diversity and inclusion. We prohibit discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, marital status, or any other legally protected status. Applications by members of all underrepresented groups are encouraged. Dartmouth is highly committed to fostering a diverse and inclusive population of students, faculty, and staff. We are especially interested in applicants who are able to work effectively with students, faculty, and staff from all backgrounds, including but not limited to racial and ethnic minorities, women, individuals who identify with LGBTQ+ communities, veterans, individuals with disabilities, individuals from lower income backgrounds, and first-generation college graduates.

Applicants should upload a cover letter addressed to Professor Jiang Gui, search committee Chair, along with a curriculum vitae, a one-page research statement, teaching statement (500 words or less), diversity statement (500 words or less), and three letters of recommendation from referees to apply.interfolio.com/100008.

Screening of applications will begin January 10, 2022 and continue until the position is filled.